Curriculum mapbook
ICT
4ᵗʰ.Prim – secondTerm 2023 – 2024

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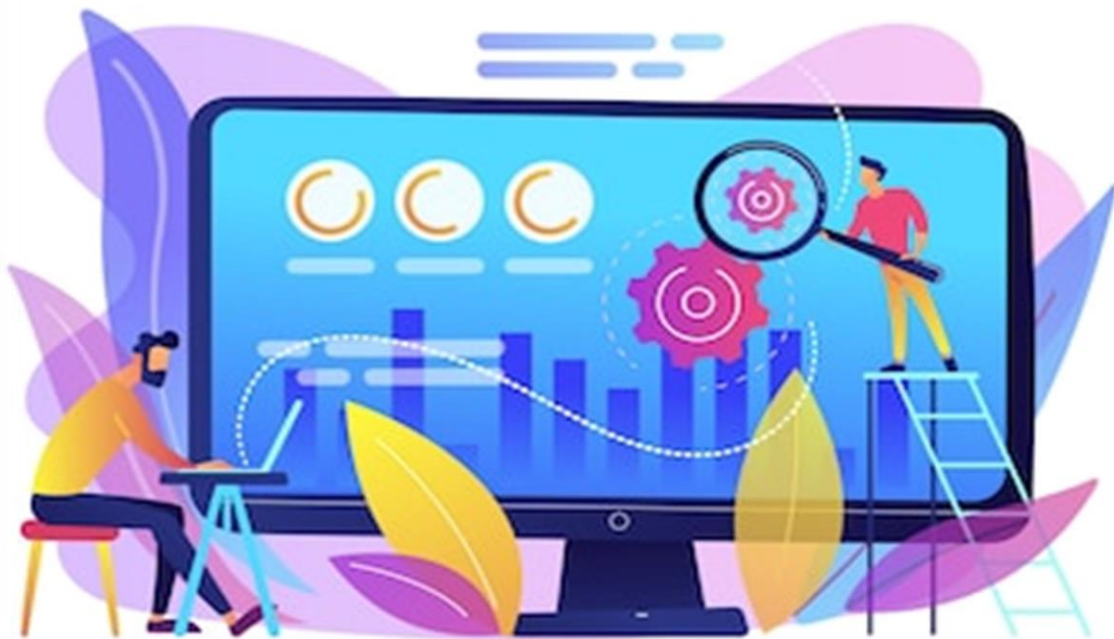
the computer preparation bookvision

The vision of the computer preparation notebook aims to raise the level of the teacher scientifically and educationally andthus raise the educational level (Technology) to be clear and contain all the capabilities that help the teacher manage the class in a appropriate atmosphere, using modern technology tools and taking into account the individual differences of the students.

the computer preparation book mission

- **Choosing and formulating various objectives (cognitive - skill - emotional), taking into account the integrity of the formulation and the individual differences of students, using modern technology methods.**

- **Creating an environment that stimulates learning and creativity to raise the level of students in computer science.**

- **Choosing the best educational, pedagogical and administrative strategies and training them on them and developing them**

- **Choosing scientific methods and means in teaching and using technology to support and enhanceAnd facilitating the educational process.**

- **Use a presentation to explain the lesson, simplified and omprehensive, for all points of the lesson**

- **Using various evaluation methods, taking into account the individual differences of students and taking into account the measurement of goals**

- **Conclude the lesson in an appropriate and varied manner**

Teacher	Guider	School manager
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learning outcomes	current curriculum content	Strategy	Teaching aids	calendar methods	Evidence and evidence	enrichment activities
The third axis: (**Digital Citizenship**)						
Give examples of how information is shared.	Lesson 1 The Active Explorer William Tyner	Brainstorming	Electronic board	Student's Book	Lesson preparation book	Study work on William Tyner
Deal with digital tools in an easy and secure way.		discussion –				
Feel the importance of digital tools.		– cooperative learning				
Mentions the meaning of digital citizenship.	Lesson 2 Digital Citizenship	practical training				Do a search for a Digital Citizenship
Dealing with digital tools in an ethical manner.		Dialogue and discussion				
Feel the importance of knowing digital rights and responsibilities.		Problem solving				
give examples of areas where technological tools help positively.	Lesson 3 Positive Effects of ICT	Brainstorming				Research on positive and collective effects
Deal with ways to support information technology in all fields easily.		Dialogue and discussion				
§ Mention the difference between synchronous and asynchronous connection.	Lesson 4: Online Communication	Brainstorming				Work online
Dealing with both types of communication easily and conveniently.		Critical thinking				
§ Identify the tools needed to communicate online.		practical training				

Objectives	Lesson	Methods				Outcomes
Mention the etiquette of using electronic means of communication.	Lesson 5 How to Use Electronic Communication	Dialogue and discussion				Work online
Deal with types of communication in an easy and secure way.		practical training				
Feel the importance of online learning resources.		Problem solving				
Differentiate between learning environments and learning resources available online.	Lesson 6 Online Learning Environments and Resources	cooperative learning				Conduct research on online learning environment
Deal with learning environments and resources in an easy and secure way.		Dialogue and discussion				
Feel the importance of online learning resources.		practical training				
Differentiate between reliable and unreliable online sources.	Lesson 7 Digital Research Plan	Brainstorming				Make a digital research plan
Explain how to plan for digital research.		Dialogue and discussion				
Feel the importance of Internet sources in doing research.		Critical thinking				
Recognize the appropriate method of communication in different situations.	Lesson 8 Synchronous and Asynchronous Communication	Brainstorming				Conduct research on online learning environments
Compare synchronous and asynchronous connection.		Dialogue and discussion				
Feel the importance of use online communication methods.		practical training				
Mentions presentation elements.	General Review on First Axis	Brainstorming				
Discusses the features of the presentation.		Dialogue and discussion				
Provides information on a specific topic using PowerPoint.		cooperative learning				

Vertical column headers (between Methods and Outcomes): **Student's Book**, **Students note**, **that the student did with his classmates** / **Editorial business brochures**

The Fourth axis: (Digital safety and security precautions))

			Presentation	Interact wi presentation	Oral questions	
Describe Different types of software and how to use them.	Lesson 1 The Active Explorer ((Gautam Shah))	Brainstorming				Do a search for the active explorer
Discusses the role of various digital applications		Dialogue and discussion				
Determines Ways in which technological tools help protect wildlife.		Problem solving				
Mention Problem solving steps..	Lesson 2 Problem-solving skills	Practical Training				Research on problem-solving skills
Discuss the How to divide big problems into small problems		Dialogue and discussion				
Feel the importance of using problem-solving steps.		Problem solving				
Discusses the best way to present information to others.	Lesson 3 provide information	Brainstorming				Do research and provide information
Explains the digital needs of simple projects.		Dialogue and discussion				
Discusses some basic design concepts.		Peer learning				
Differentiates between reliable and unreliable sources.	Lesson 4 digital applications	Brainstorming				Conduct a search for electronic research
Uses Program skills word – excel Easily.		Critical thinking				
Prefer Program use word – excel sharing information.		practical training				
Discusses the concept of algorithms.–	Lesson 5 Algorithms	Dialogue and discussion				Solution algorithm
Explains how the search engine uses algorithms.		practical training				
Explain how to solve a problem using algorithms.		Problem solving				

Teacher	Guider		the text book	calendar solution	materialactivities Student's Book	School manager
Discusses the concept of programming.–	**Lesson 6** **Programming principles** :	**Peer learning**				**Practical research on Internet principles**
Uses Programming as a problem–solving method.		**Dialogue and discussion**				
Thanks for designing software projects by himself.		**practical training**				
Discusses how to use Graphic programs.	**Lesson 7** **graphic art** :	**Brainstorming**				**Practical research on Internet principles**
Adds some visualization to the presentation.		**Dialogue and discussion**				
Explains how to add and edit images§ Mentions presentation elements.		**Critical thinking**				
Discusses the features of the presentation.	**Lesson 8** **Synchronous and asynchronous communication**	**Brainstorming**				**Complementing enrichment activities**
Provides information on a specific topic using PowerPoint		**Dialogue and discussion**				
Discusses the concept of programming.–		**practical training**				
Mention the most important information he has gained in this axis.	**General Review on fourth Axis**	**Brainstorming**				
Discusses how to break down big problems into small ones.		**Dialogue and discussion**				
Solve some of the exercises on the axis.		**Peer learning**				

Teacher   **Guider**   **School manager**

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